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UNITED STATES DEPARTMENT OF AGRICULTURE
EXTENSION SERVICE
Division of Agricultural Instruction
Washington, D. C.

RURAL ENGINEERING PUBLICATIONS OF THE DEPARTMENT OF AGRICULTURE
CLASSIFIED FOR THE USE OF TEACHERS.

The following list of publications has been prepared to assist teachers in making an intelligent selection of Department publications on topics pertaining to the subject of rural engineering. Teachers should avoid requesting a large list of publications on different topics at one time, or of publications the use of which is to be distributed over a long period of school work. It must be the policy of the Department to limit the distribution of publications to actual present needs as nearly as possible, so that the funds available for purposes of publication can be made to benefit the largest possible number of real users. A few bulletins carefully studied by the teacher and the class or assigned to certain members for individual reports are of much greater service than a hundred forgotten on the shelves at home or in the school library. Copies of any of the publications listed below, except those marked with an asterisk, may be obtained free upon application to the Division of Publications of the U. S. Department of Agriculture as long as the Department's supply lasts. Those marked with an asterisk may be obtained at the prices indicated from the Superintendent of Documents, Government Printing Office, Washington, D. C. Postage stamps, coins defaced or worn smooth, foreign money and uncertified checks will not be accepted. No publications are sold by the Department of Agriculture.

Topic	Title	Publication	Price
Irrigation*	How to Build Small Irrigation Ditches.	Farmers' Bulletin 158	: .05
	: Sugar Beet Growing Under Irrigation.	Farmers' Bulletin 567	: .05
*	: Irrigation Practice in Rice Growing.	Farmers' Bulletin 673	: .05
	: Construction and Use of Farm Weirs	Farmers' Bulletin 813	: .05
	: Farm Reservoirs.	Farmers' Bulletin 828	: .05
	: Irrigation of Grain.	Farmers' Bulletin 863	: .05
	: Practical Information for Beginners in		: .05
	: Irrigation	Farmers' Bulletin 864	: .05
	: Irrigation of Alfalfa.	Farmers' Bulletin 865	: .05
	: Irrigation of Orchards	Farmers' Bulletin 882	: .05
	: Surface Irrigation for Eastern Farms	Farmers' Bulletin 899	: .05
	: Potato Culture Under Irrigation.	Farmers' Bulletin 953	: .05
	: Growing Irrigated Grain in Southern Idaho.	Farmers' Bulletin 1103	: .05
	: The Border Method of Irrigation.	Farmers' Bulletin 1243	: .05
	: Corrugation Method of Irrigation	Farmers' Bulletin 1348	: .05
*	: Experiments on the Economical Use of Irrigation Water in Idaho.	Dept. Bulletin 339	: .10
*	: Irrigation in Florida.	Dept. Bulletin 462	: .15
*	: Spray Irrigation.	Dept. Bulletin 495	: .10
	: Irrigation District Operation and Finance.	Dept. Bulletin 1177	: .10

	*:Pumping for Irrigation on the Farm.	:Ybk. ¹ 1916 Separate 703: .05
	:With the Irrigation Farmer.	:Ybk. 1920 Separate 839: .
Drainage	:Drainage of Irrigated Lands	:Farmers' Bulletin 805 : .
	:Organization, Financing, and Administration :	: .
	: of Drainage Districts	:Farmers' Bulletin 815 : .
	:Title Trenching Machinery	:Farmers' Bulletin 1131 : .
	:Gullies, How to Control and Reclaim Them. . .	:Farmers' Bulletin 1234 : .
	:Excavating Machinery Used in Land Drainage. .	:Dept. Bulletin 300 : .
	*:The Drainage of Irrigated Shale Land.	:Dept. Bulletin 502 : .15
	*:Prevention of the Erosion of Farm Lands by :	: .
	: Terracing.	:Dept. Bulletin 512 : .15
	*:Range Preservation and Its Relation to Erosion:	: .
	: Control on Western Grazing Lands.	:Dept. Bulletin 675 : .10
	*:Flow of Water in Concrete Pipe.	:Dept. Bulletin 852 : .25
	*:Flow of Water in Tile Drain	:Dept. Bulletin 854 : .25
	*:Economy of Farm Drainage.	:Ybk. 1914 Separate 640 : .05
	*:Community Tile Drainage Construction.	:Ybk. 1919 Separate 322 : .05
Structures	*:The Construction of Concrete Fence Posts. . .	:Farmers' Bulletin 403 : .05
	*:Hog Houses.	:Farmers' Bulletin 438 : .05
	*:Concrete Construction on the Live Stock Farm. .	:Farmers' Bulletin 481 : .05
	*:Poultry House Construction.	:Farmers' Bulletin 574 : .05
	*:Ice Houses and the Use of Ice on the Dairy :	: .
	: Farm.	:Farmers' Bulletin 623 : .05
	*:A Simple Trap Nest for Poultry.	:Farmers' Bulletin 682 : .05
	*:A Plan for a Small Dairy House.	:Farmers' Bulletin 689 : .05
	:Equipment for Farm Sheep Raising.	:Farmers' Bulletin 810 : .
	:Construction and Use of Farm Weirs.	:Farmers' Bulletin 813 : .
	:Pit Silos.	:Farmers' Bulletin 825 : .
	:Farm Reservoirs	:Farmers' Bulletin 828 : .
	:Modern Method of Protecting Against Lightning :	:Farmers' Bulletin 842 : .
	*:Management of Common-Storage Houses for Apples:	: .
	: in the Pacific Northwest.	:Farmers' Bulletin 852 : .05
	:Homemade Silos	:Farmers' Bulletin 855 : .
	*:Home Storage of Vegetables.	:Farmers' Bulletin 879 : .05
	:Fire Prevention and Fire Fighting on the Farm :	:Farmers' Bulletin 904 : .
	:A Simple Hog Breeding Crate	:Farmers' Bulletin 966 : .
	:One-register Furnaces (pipeless furnaces) . .	:Farmers' Bulletin 1174 : .
	:Operating Home Heating Plant.	:Farmers' Bulletin 1194 : .
	:Farm Dairy Houses.	:Farmers' Bulletin 1214 : .
	:Sewage and sewerage of Farm Homes	:Farmers' Bulletin 1227 : .
	:Chimneys and Fireplaces, How to Build Them. .	:Farmers' Bulletin 1230 : .
	:Utilization of Flue-heated Tobacco Barns for :	: .
	:Sweet-potato Storage	:Farmers' Bulletin 1267 : .
	:Plain Concrete for Farm Use	:Farmers' Bulletin 1279 : .
	:Greenhouse Construction and Heating	:Farmers' Bulletin 1318 : .
	:Dairy-barn Construction.	:Farmers' Bulletin 1342 : .
	:Beef-Cattle Barns.	:Farmers' Bulletin 1350 : .
	*:Flumes and Fluming	:Dept. Bulletin 87 : .10

¹If Yearbooks (Ybk.) are on file in the School Library, Separates may be found in them under date of publication.

Sanita-	: Flytraps and Their Operation.	: Farmers' Bulletin 734	:
tion	: Farm Reservoirs.	: Farmers' Bulletin 828	:
	: The House Fly	: Farmers' Bulletin 851	:
	: Some Common Disinfectants	: Farmers' Bulletin 926	:
	: Farm Home Conveniences.	: Farmers' Bulletin 927	:
	: Water Systems for Farm Homes.	: Farmers' Bulletin 941	:
	: White Ants as Pests in The United States.	:	:
	: and Methods of Preventing Their Damage.	: Farmers' Bulletin 1037	:
	: Harvesting and Storing Ice.	: Farmers' Bulletin 1078	:
	: Argentine Ant as a Household Pest	: Farmers' Bulletin 1101	:
	: Housecleaning Made Easier	: Farmers' Bulletin 1180	:
	: Floors and Floor Covering	: Farmers' Bulletin 1219	:
	: Sewage and Sewerage of Farm Homes	: Farmers' Bulletin 1227	:
	: How to Get Rid of Rats.	: Farmers' Bulletin 1302	:
	: Yellow-fever Mosquito	: Farmers' Bulletin 1354	:
	*: Sewage Disposal on the Farm	: Ybk. 1916 Separate 712	: .05
Machin-	*: Economic Study of the Farm Tractor in the	:	:
ery	: Corn Belt.	: Farmers' Bulletin 719	: .05
	: The Care and Repair of Farm Implements. III	:	:
	: Plows and Harrows	: Farmers' Bulletin 946	:
	: The Care and Repair of Farm Implements. IV.	:	:
	: Mowers, Reapers, and Binders.	: Farmers' Bulletin 947	:
	: Tractor Experiments in Illinois: A Study of	:	:
	: the Farm Tractor Under Corn Belt Condi-	:	:
	: tions	: Farmers' Bulletin 963	:
	: Efficient Operation of Threshing Machines	: Farmers' Bulletin 991	:
	: The Use of Machinery in Cutting Corn.	: Farmers' Bulletin 992	:
	: The Gas Tractor in Eastern Farming.	: Farmers' Bulletin 1004	:
	: Haystakers: How They May be used in the	:	:
	: East and South to Save Labor.	: Farmers' Bulletin 1009	:
	: Practical Hints on Running a Gas Engine	: Farmers' Bulletin 1013	:
	: Machinery for Cutting Firewood.	: Farmers' Bulletin 1023	:
	: The Farm Tractor in the Dakotas.	: Farmers' Bulletin 1035	:
	: Laying Out Fields for Tractor Plowing	: Farmers' Bulletin 1045	:
	*: Influence of the Tractor on Use of Horse.	: Farmers' Bulletin 1093	: .05
	: Title-trenching Machinery	: Farmers' Bulletin 1131	:
	*: Motor Trucks on Eastern Farms	: Farmers' Bulletin 1201	: .05
	: Tractors on Southern Farms.	: Farmers' Bulletin 1278	:
	: What Tractors and Horses do on Corn-Belt	:	:
	: Farms	: Farmers' Bulletin 1295	:
	: Changes Effected by Tractors on Corn-Belt	:	:
	: Farms	: Farmers' Bulletin 1296	:
	: Cost of Using Tractors on Corn-Belt Farms	: Farmers' Bulletin 1297	:
	: Cost of Using Horses on Corn-Belt Farm.	: Farmers' Bulletin 1298	:
	: Shall I Buy a Tractor for a Corn-Belt Farm.	: Farmers' Bulletin 1299	:
	: Choosing a Tractor for a Corn-Belt Farm	: Farmers' Bulletin 1300	:
	: Motor Trucks on Corn Belt Farms	: Farmers' Bulletin 1314	:
	: Cotton Dusting Machinery.	: Farmers' Bulletin 1319	:
	: Dust Explosions and Fires in Grain Separa-	:	:
	: tors in the Pacific Northwest	: Dept. Bulletin 379	:
	*: Small Sawmills: Their Equipment, Construc-	:	:
	: tion and Operation.	: Dept. Bulletin 718	: .10

: Kiln Drying Handbook	: Dept. Bulletin 1136	:
*: Basic Grading Rules and Working Stresses for : Structural Timbers.	: Dept. Circular 295	: .05
*: Standard Grading Specifications for Yard Lumber	: Dept. Circular 296	: .20
*: The Substitution of Other Materials for Wood. .	: Dept. Report 117	: .15
*: Demonstration Courses in Kiln Drying, Boxing. : and Crating, Gluing of Wood, Wood Properties : and Uses.	: Misc. Circular 8	: .05
Miscel- : Clearing Land	: Farmers' Bulletin 974	:
laneous: Waterproofing and Mildewproofing of Cotton : Duck.	: Farmers' Bulletin 1157	:
: The Care of Leather	: Farmers' Bulletin 1183	:
: Home Tanning of Leather and Small Fur Skins . .	: Farmers' Bulletin 1334	:
*: Some Exercises in Farm-Handicraft for Rural : Schools	: Dept. Bulletin 527	: .10
: Experimental Production of Straw Gas.	: Dept. Bulletin 1203	:
: Work of Yuma Reclamation Project Experiment : Farm in 1919 and 1920	: Dept. Circular 221	:
*: Home Tanning.	: Dept. Circular 230	: .05
*: Work of Newlands Reclamation Project Experi- : ment Farm in 1920 and 1921.	: Dept. Circular 267	: .05
: Work of Huntley Reclamation Project Experiment : Farm in 1921.	: Dept. Circular 275	:

